

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted With Initial Filing

**OR**

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number

1392/11

First Named Inventor

Paul Budworth

**COMPLETE IF KNOWN**

Application Number

Filing Date

Herewith

Art Unit

Examiner Name

Unassigned

I her by declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**IDENTIFICATION OF PROTEIN INTERACTIONS USING IN VIVO POST-TRANSLATIONALLY MODIFIED FUSION PROTEINS**

*(Title of the Invention)*

the specification of which

is attached hereto

**OR**

was filed on (MM/DD/YYYY)  as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? Yes	Certified Copy Attached? No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 37 CFR 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to:  Customer Number  
or Bar Code Label **25297** OR  Correspondence address below

Name

Address

City

State

ZIP

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>NAME OF SOLE OR FIRST INVENTOR:</b>	<input type="checkbox"/> A petition has been filed for this unsigned inventor
--	---

Given Name (first and middle [if any]) <b>Paul</b>	Family Name or Surname <b>Budworth</b>
--	--

Inventor's Signature	Date
-------------------------	------

Residence: City <b>San Diego</b>	State <b>CA</b>	Country <b>USA</b>	Citizenship <b>US</b>
-------------------------------------	--------------------	-----------------------	--------------------------

Mailing Address 13908 Barrymore Street	
---	--

City <b>San Diego</b>	State <b>CA</b>	ZIP <b>92129</b>	Country <b>USA</b>
--------------------------	--------------------	---------------------	-----------------------

<b>NAME OF SECOND INVENTOR:</b>	<input type="checkbox"/> A petition has been filed for this unsigned inventor
---------------------------------	---

Given Name (first and middle [if any]) <b>Xun</b>	Family Name or Surname <b>Wang</b>
---	--

Inventor's Signature	Date
-------------------------	------

Residence: City <b>San Diego</b>	State <b>CA</b>	Country <b>USA</b>	Citizenship <b>US</b>
-------------------------------------	--------------------	-----------------------	--------------------------

Mailing Address 12524 Caminito Vista Soledad	
---	--

City <b>San Diego</b>	State <b>CA</b>	ZIP <b>92130</b>	Country <b>USA</b>
--------------------------	--------------------	---------------------	-----------------------

Additional inventors or a legal representative are being named on the \_\_\_\_\_ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

70157 US PSP

JULY 15, 2003

PTAS

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)

HALE AND DORR LLP  
MICHAEL J. TWOMEY, ESQ.  
60 STATE STREET  
BOSTON, MA 02109



\*102380407A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/03/2003

REEL/FRAME: 013797/0894  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:  
BUDWORTH, PAUL

DOC DATE: 12/16/2002

ASSIGNEE:  
WANG, XUN

DOC DATE: 12/20/2002

ASSIGNEE:  
SYNGENTA PARTICIPATIONS AG  
SCHWARZWALDALEE 215  
BASEL, SWITZERLAND CH-4058

SERIAL NUMBER: 60418952  
PATENT NUMBER:

FILING DATE: 10/15/2002  
ISSUE DATE:

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

03-05-2003



102380407

OFFICE OF PUBLIC RECORDS

2003 MAR - 3 AM 7: 58

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New  
 Resubmission (Non-Recordation)  
Document ID#   
 Correction of PTO Error  
Reel #  Frame #   
 Corrective Document  
Reel #  Frame #

**Conveyance Type**

Assignment       Security Agreement  
 License       Change of Name  
 Merger       Other.   
**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)  
 Departmental File       Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1)  Paul Budworth

Execution Date  
Month Day Year  
12 16 02

Name (line 2)

**Second Party**

Name (line 1)  Xun Wang

Execution Date  
Month Day Year  
12 20 02

Name (line 2)

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1)  Syngenta Participations AG

If document to be recorded  
is an assignment and the  
receiving party is not  
domiciled in the United  
States, an appointment  
of a domestic  
representative is attached.  
(Designation must be a  
separate document from  
Assignment.)

Name (line 2)

Address (line 1)  Schwarzwaldallee 215

Address (line 2)

Address (line 3)  Basel

City

Switzerland

CH-4058

State/Country

Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name  Michael J. Twomey

Address (line 1)  Hale and Dorr LLP

Address (line 2)  60 State Street

Address (line 3)  Boston, MA 02109

Address (line 4)  United States of America

**FOR OFFICE USE ONLY**

3/04/2003 DBYRNE 00000080 080219 60418953

1 FC:8021 40.00 CH

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**Correspondent Name and Address**

Area Code and Tel phone Number **617-526-6000**

Name **Michael J. Twomey, Esq.**

Address (line 1) **Hale and Dorr LLP**

Address (line 2) **60 State Street**

Address (line 3) **Boston, MA 02109**

Address (line 4) **United States of America**

**Pages**

Enter the total number of pages of the attached conveyance document

# **4**

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**60/418,952**

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month **Day** Year **08-02-03**

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

PCT

PCT

PCT

only if a U.S. Application Number

PCT

PCT

PCT

has not been assigned.

**Number of Properties**

Enter the total number of properties involved. # **1**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:

D deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Enclosed

Deposit Account

Deposit Account Number:

# **08-0219**

Authorization to charge additional fees:

Yes

No

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Michael J. Twomey, Esq.

Name of Person Signing

Signature

*Michael J. Twomey* **Feb. 24, 2003**

Date

## ASSIGNMENT

WHEREAS, we, Paul Budworth, a citizen of the United States and residing at 13908 Barrymore Street, San Diego, California 92129, Xun Wang, a citizen of the United States and residing at 12524 Caminito Vista Soledad, San Diego, California 92130 are the inventors of a certain new and useful invention and discovery entitled "IDENTIFICATION OF PROTEIN INTERACTIONS USING IN VIVO POST-TRANSLATIONALLY MODIFIED FUSION PROTEINS" also identified as Attorney Docket Numbers 109845.140 and TMRI-022P, the specification of which was filed with the United States Patent and Trademark Office as a provisional patent application on October 15, 2002 and has been assigned Serial Number 60/418,952.

WHEREAS, Syngenta Participations AG, whose address is Schwarzwaldallee 215, CH-4058 Basel, Switzerland, which, together with its successors and assigns is hereinafter called "ASSIGNEE," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

For valuable consideration, receipt of which is acknowledged, Assignors hereby assign to Assignee all of Assignors right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including divisionals, continuations, continuation-in-parts, or as an application claiming priority from a provisional application); or any application based in whole or in part on any of the foregoing.

Assignors agree that such Assignors and Assignors' heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein any and all countries and to vest title thereto in Assignee. Assignors further agree that such Assignors will, without further compensation to Assignors during the term of such Assignors' employment by Assignee and thereafter for reasonable compensation as determined by

Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto Assignee.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 16<sup>th</sup> day of December 2002 (Month/Year).

Paul Budworth  
Paul Budworth

On this 16<sup>th</sup> day of December 2002 (Month/Year), Paul Budworth, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

WITNESS:

Shelley Callagy  
Shelley Callagy

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 20 day of December 2002 (Month/Year).

Xun Wang  
Xun Wang

On this 20<sup>th</sup> day of December (Month/Year), Xun Wang, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

WITNESS:

RJ McFarley